

COMPLETE LISTING OF CLAIMS
IN ASCENDING ORDER WITH STATUS INDICATOR

1. (Cancel)
2. (Cancel)
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6. (Previously Amended and Amended Herein) [A] An isolated
double transdominant fusion gene, comprising:
 - a *tat* transdominant mutant gene, wherein codons of said *tat* mutant gene which code for basic amino acids at positions 52 to 57 of the Tat protein are replaced with codons which code for neutral amino acids;
 - a *rev* transdominant mutant gene, wherein the codons of the *rev* mutant which code for amino acids at positions 80 to 82 of the Rev protein have been deleted; and
 - codon coding for histidine, wherein said histidine comprises a histidine bridge[s] [and] that links the Tat transdominant mutant protein to the Rev transdominant mutant protein.
7. (Cancel)
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9. (New) A vector comprising said isolated double transdominant fusion gene of claim 6, wherein said gene is operably linked to a promoter.
10. (New) A transdominant protein produced by the vector of claim 9.

11. (New) An isolated double transdominant fusion gene, comprising a *tat* transdominant mutant gene having a substituted basic domain in which basic amino acids are replaced by neutral amino acids, said *tat* transdominant mutant gene is operably linked to a *rev* transdominant mutant gene having a deletion in a leucine-rich coding domain, wherein the double transdominant fusion gene product inhibits HIV expression.
12. (New) The transdominant fusion gene of claim 11, wherein the *tat* and *rev* transdominant mutant genes are linked by a codon which codes for a histidine bridge.
13. (New) A vector comprising said isolated double transdominant fusion gene of claim 11, wherein said gene is operably linked to a promoter.
14. (New) A transdominant protein produced by the vector of claim 13.
15. (New) A method of inhibiting HIV replication in a HIV infected cell *in vitro*, comprising:

delivering to the HIV infected cell *in vitro* an effective amount of the vector of claim 13, from which is expressed the double transdominant fusion gene product.